

### Abstract

Methods for producing a substantially paraffinic Fischer-Tropsch product or a blended Fischer Tropsch product comprising a selected oxygenate concentration, and if required, a selected oxygenate concentration of specific individual oxygenates, are disclosed. The methods of the present invention measure oxygenate concentration using GC-AED. The oxygenate measurements obtained using the GC-AED may be used to adjust and control various processes used to produce, upgrade, or finish Fischer Tropsch products to provide Fischer Tropsch products with a selected oxygenate concentration, and if required, a selected oxygenate concentration of specific individual oxygenates.